

Title (en)
METHODS OF AND DECODERS FOR DECODING COMPOSITE PAL TELEVISION SIGNALS

Publication
EP 0033606 B1 19840111 (EN)

Application
EP 81300244 A 19810120

Priority
GB 8003084 A 19800130

Abstract (en)
[origin: US4343017A] A composite PAL television signal decoder comprises a first delay device for delaying an input PAL television signal A by one horizontal line scan period minus one quarter of a period of the color sub-carrier signal to produce a first delayed signal B, a second delay device for delaying the signal A by one half of a period of the color sub-carrier signal to produce a second delayed signal C, a third delay device for delaying the signal C by one horizontal line scan period minus one quarter of a period of the color sub-carrier signal to produce a third delayed signal D, means to derive a luminance component Y as one half (A+D), means to derive a chrominance component U as one quarter (B+D) minus one quarter (A+C), and means to derive a chrominance component V as one quarter (C+D) minus one quarter (A+B).

IPC 1-7
H04N 9/39

IPC 8 full level
H04N 9/67 (2006.01); **H04N 9/66** (2006.01); **H04N 9/68** (2006.01); **H04N 11/16** (2006.01)

CPC (source: EP US)
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Cited by
EP0295027A1; EP0153757A3; EP0240209A3

Designated contracting state (EPC)
AT DE FR GB NL

DOCDB simple family (publication)
US 4343017 A 19820803; AT E5837 T1 19840115; AU 533980 B2 19831222; AU 6659381 A 19810806; CA 1152633 A 19830823; DE 3161849 D1 19840216; EP 0033606 A1 19810812; EP 0033606 B1 19840111; GB 2069287 A 19810819; GB 2069287 B 19830901; JP S56162593 A 19811214; JP S6362154 B2 19881201

DOCDB simple family (application)
US 22686281 A 19810121; AT 81300244 T 19810120; AU 6659381 A 19810123; CA 369111 A 19810122; DE 3161849 T 19810120; EP 81300244 A 19810120; GB 8003084 A 19800130; JP 1256181 A 19810130